

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants:

Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Martin A. Reynolds,
Melissa Grace, Sudhakar Kadiyala, David Urbahns, Scott Bruder, Gregory
Collins, Laura J. Brown, Jeff Geesin, Pamela L. Plouhar, Catherine Smith and
John Siekierka

Application No.: 10/630,227

Group: 1615

Filed: July 30, 2003

Examiner: Not yet assigned

Confirmation No.: 8291

For: TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY
CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
<u>03/02/04</u>	<u>Kelley A. Farr</u>
Date	Signature
<u>Kelley A. Farr</u>	
Typed or printed name of person signing certificate	

TRANSMITTAL OF POWER OF ATTORNEY DOCUMENT AND

STATEMENT UNDER 37 C.F.R. § 3.73 (b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find enclosed herewith an executed Power of Attorney document and executed Statement Under 37 C.F.R. § 3.73(b) for filing in the captioned application.

Please charge any fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

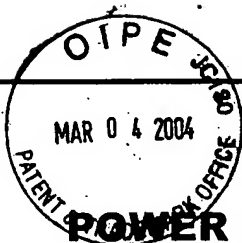
By Deirdre E. Sanders

Deirdre E. Sanders
Registration No.: 42,122
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

March 2, 2004



HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT AND
CORRESPONDENCE ADDRESS**

Application Number	10/630,227
Filing Date	July 30, 2003
First Named Inventor	Thomas M. DiMauro
Confirmation Number	Not yet assigned
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	3518.1015-000

Title TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS

I/We hereby appoint

☒ the attorneys/agents associated with Customer No. 021005

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

☒ Customer Number 021005

Hamilton, Brook, Smith & Reynolds, P.C.

530 Virginia Road

P.O. Box 9133

Concord, Massachusetts 01742-9133

☐ Other

Please direct all telephone calls and facsimiles to:

Name Alice O. Carroll, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

☐ Applicant/Inventor.

☒ Authorized representative of the Assignee, DePuy AcroMed, Inc., of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

☐ Authorized representative of the Assignee, [], together with [], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name & Title Thomas M. DiMauro, Esq. Assistant Secretary

Signature

Date

2-20-04

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Applicant: Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Martin A. Reynolds, Melissa Grace, Sudhakar Kadiyala, David Urbahns, Scott Bruder, Gregory Collins, Laura J. Brown, Jeff Geesin, Pam Plouhar, Catherine Smith and John Siekierka

Application No.: 10/630,227Filed: July 30, 2003

For: TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS

DePuy AcroMed, Inc.a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 2.20.04Name: Thomas M. DiMauroTitle: Assistant SecretarySignature: Thomas M. DiMauro

ASSIGNMENT**COPY**Joint

WHEREAS, we, **Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Martin A. Reynolds, Melissa Grace, Sudhakar Kadiyala, David Urbahns, Scott Bruder, Gregory Collins, Laura J. Brown, Jeff Geesin, Pam Plouhar, Catherine Smith and John Siekierka**, have invented a certain improvement in **TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS** described in an application for Letters Patent of the United States,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☒ the specification of which was filed on **July 30, 2003** as United States Application No. **10/630,227**;
- ☐ the specification of which is the United States National Stage of International Application No. [**PCT Appl'n No.**], filed on [**PCT Filing Date**] [**OPTION** and assigned United States Application No. [] (*use for 35 USC §371 filings only*);
- ☐ which was patented under United States Patent No. [] on [] .

WHEREAS, **DePuy AcroMed, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Ohio**, and having a usual place of business at **325 Paramount Drive, Raynham, Massachusetts 02767-0350** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Thomas M. DiMauro

Thomas M. DiMauro

State/Commonwealth _____

of *Massachusetts*

County of *Bristol*

Then personally appeared before me the above-named **Thomas M. DiMauro** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this *24th* day of *September*, 2003.

(SEAL)

Karen M. Day

Notary Public

Karen M. Day

(print name)

My Commission expires *10/02/03*

Inventor's Signature: _____

M. Attawia

Mohamed Attawia

State/Commonwealth

of _____

Mass

County of _____

Bristol

Then personally appeared before me the above-named **Mohamed Attawia** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24 day of September, 20 03.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

Hassan Serhan

Hassan Serhan

State/Commonwealth

of _____

Massachusetts

County of _____

Bristol

Then personally appeared before me the above-named **Hassan Serhan** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29 day of September, 20 03.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

Martin A. Reynolds
Martin A. Reynolds

State/Commonwealth

of Mass

County of Bristol

Then personally appeared before me the above-named **Martin A. Reynolds** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24th day of September, 2003.

(SEAL)

Patricia A. Hubler Notary Public

Patricia A. Hubler (print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

Melissa Grace

Melissa Grace

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named **Melissa Grace** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29 day of September, 2003.

(SEAL)

Patricia A. Hubler Notary Public

Patricia A. Hubler (print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

S. Kadiyala

Sudhakar Kadiyala

State/Commonwealth

of _____

Mass

County of _____

Bristol

Then personally appeared before me the above-named **Sudhakar Kadiyala** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of September, 2003.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 03/09/2007

Inventor's Signature: _____

David Urbahns

9/26/03

David Urbahns

State/Commonwealth

of _____

Mass

County of _____

Bristol

Then personally appeared before me the above-named **David Urbahns** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 26 day of September, 2003.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 03/09/2007

Inventor's Signature: _____

Scott Bruder

Scott Bruder

State/Commonwealth

of _____

Mass

County of _____

Bristol

Then personally appeared before me the above-named **Scott Bruder** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24th day of September, 2003.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

Gregory Collins

Gregory Collins

State/Commonwealth

of _____

Massachusetts

County of _____

Bristol

Then personally appeared before me the above-named **Gregory Collins** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 36 day of September, 2003.

(SEAL)

Patricia A. Hubler

Notary Public

Patricia A. Hubler

(print name)

My Commission expires 08/09/2007

Inventor's Signature: _____

Laura J. Brown

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Laura J. Brown** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Jeff Geesin

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Jeff Geesin** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Pam Plouhar

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Pam Plouhar** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Catherine W. Smith

Catherine Smith

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named **Catherine Smith** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of October, 2003.

(SEAL)

Hector S. Sordano Notary Public

Hector S. Sordano (print name)

My Commission expires 10/27/06

Inventor's Signature: _____

John Siekierka

State/Commonwealth

of Ala

County of _____

Then personally appeared before me the above-named **John Siekierka** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of October 2003.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

ASSIGNMENT

COPY

Joint

WHEREAS, we, **Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Martin A. Reynolds, Melissa Grace, Sudhakar Kadiyala, David Urbahns, Scott Bruder, Gregory Collins, Laura J. Brown, Jeff Geesin, Pam Plouhar, Catherine Smith and John Siekierka**, have invented a certain improvement in **TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS** described in an application for Letters Patent of the United States,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☒ the specification of which was filed on **July 30, 2003** as United States Application No. **10/630,227**;
- ☐ the specification of which is the United States National Stage of International Application No. **[PCT Appl'n No.]**, filed on **[PCT Filing Date]** **[OPTION]** and assigned United States Application No. ☐ (*use for 35 USC §371 filings only*);
- ☐ which was patented under United States Patent No. ☐ on ☐.

WHEREAS, **DePuy AcroMed, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Ohio**, and having a usual place of business at **325 Paramount Drive, Raynham, Massachusetts 02767-0350** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____
Thomas M. DiMauro

State/Commonwealth _____
of _____
County of _____

Then personally appeared before me the above-named **Thomas M. DiMauro** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____

Mohamed Attawia

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Mohamed Attawia** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Hassan Serhan

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Hassan Serhan** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Martin A. Reynolds

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Martin A. Reynolds** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Melissa Grace

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Melissa Grace** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Sudhakar Kadiyala

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Sudhakar Kadiyala** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

David Urbahns

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **David Urbahns** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____
Scott Bruder

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Scott Bruder** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Gregory Collins

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Gregory Collins** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: Laura J. Brown
Laura J. Brown

State/Commonwealth
of New Jersey
County of Somerset

Then personally appeared before me the above-named **Laura J. Brown** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24th day of October, 2003.

(SEAL) Victor F. Janas Notary Public
Victor F. Janas (print name)
My Commission expires 12/28/2005

VICTOR F. JANAS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 12/28/2005

Inventor's Signature: Jeffrey C. Geesin
Jeff Geesin
State/Commonwealth
of New Jersey
County of Somerset

Then personally appeared before me the above-named **Jeff Geesin** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24th day of October, 2003.

(SEAL) Victor F. Janas Notary Public
Victor F. Janas (print name)
My Commission expires 12/28/2005

VICTOR F. JANAS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 12/28/2005

Inventor's Signature: _____

Pam Plouhar

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Pam Plouhar** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Catherine Smith

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Catherine Smith** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

John Siekierka

State/Commonwealth

of New Jersey

County of

Somerset

Then personally appeared before me the above-named **John Siekierka** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 24th day of October 2003.

(SEAL)

Victor F. Janas

Notary Public

Victor F. Janas

(print name)

My Commission expires 12/28/2005

VICTOR F. JANAS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 12/28/2005

ASSIGNMENT**COPY**Joint

WHEREAS, we, **Thomas M. DiMauro, Mohamed Attawia, Hassan Serhan, Martin A. Reynolds, Melissa Grace, Sudhakar Kadiyala, David Urbahns, Scott Bruder, Gregory Collins, Laura J. Brown, Jeff Geesin, Pam Plouhar, Catherine Smith and John Siekierka**, have invented a certain improvement in **TRANS-CAPSULAR ADMINISTRATION OF HIGH SPECIFICITY CYTOKINE INHIBITORS INTO ORTHOPEDIC JOINTS** described in an application for Letters Patent of the United States,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☒ the specification of which was filed on **July 30, 2003** as United States Application No. **10/630,227**;
- ☐ the specification of which is the United States National Stage of International Application No. [**PCT Appl'n No.**], filed on [**PCT Filing Date**] [**OPTION** and assigned United States Application No. []] (*use for 35 USC §371 filings only*);
- ☐ which was patented under United States Patent No. [] on [].

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Thomas M. DiMauro

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Thomas M. DiMauro** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Mohamed Attawia

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Mohamed Attawia** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Hassan Serhan

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Hassan Serhan** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____
Martin A. Reynolds

State/Commonwealth _____
of _____
County of _____

Then personally appeared before me the above-named **Martin A. Reynolds** and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
_____ day of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Melissa Grace

State/Commonwealth _____
of _____
County of _____

Then personally appeared before me the above-named **Melissa Grace** and acknowledged that
he/she executed the foregoing instrument as his/her free act and deed this _____ day
of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____

Sudhakar Kadiyala

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Sudhakar Kadiyala** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

David Urbahns

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **David Urbahns** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Scott Bruder

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Scott Bruder** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Gregory Collins

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Gregory Collins** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Laura J. Brown

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Laura J. Brown** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Jeff Geesin

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Jeff Geesin** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: Pamela L. Plouhar

Pam Plouhar

State/Commonwealth

PAMELA L. PLOUHAR 1/03/04

of Indiana

County of Kosciusko

Then personally appeared before me the above-named **Pam Plouhar** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 8th day of January, 20 04.

(SEAL)

Nancy Williams

Notary Public

NANCY WILLIAMS

(print name)

NOTARY PUBLIC STATE OF INDIANA

My Commission Expires

MY COMMISSION EXP. JUNE 21, 2008

Inventor's Signature: _____

Catherine Smith

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **Catherine Smith** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20 ____.

(SEAL)

Notary Public

(print name)

My Commission expires

____/____/____

Inventor's Signature: _____

John Siekierka

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **John Siekierka** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____ 20_____.

(SEAL)

_____ Notary Public

_____ (print name)

My Commission expires ____/____/____
